BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

BYATARAYANAPURA DIVISION

BYATARAYANAPURA SUB DIVISOIN

Name of the Work : **Sub Estimate for Construcion and Repair of Anganavadi Building in Ward No. 06 Byatarayanapura Sub Division**

Estimated Cost : **1.10 Lakhs**

Job Code:

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work: Detailed Sub Estimate for the Construcion and Repair of Anganavadi Building in Ward No. 06 Byatarayanapura Sub Division

							Estimate Cost Rs.	110000.00	
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Sanitory Works								
1	KSRB 11.11.1 : Providing and fixing white vitreous china clay, flat back wash basin of size 630x450mm with pair of 15mm C.P brass pillar taps with C.I./M.S. brackets, 32mm C.P. brass waste of standard pattern, painting of fitting and brackets ,cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. Page No. 81/ Item No. 12.23 PWD SR 2011-12	Unit							
			4				**4.00**	2886.38	**11546.00**
	Basic Rate	2723.00							
	Area Weightage @ 6%	163.38							
	Total	**2886.38**							
2	KSRB 12-8.2 : Constructing brick masonry inspection chamber 455X450mm, and 450mm depth, (clear inside dimension) for pipeline with one or two inlets, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I. cover with frame (light duty) 455x450mm internal dimensions, total weight of cover with frame to be not less than 38kg (weight of cover 23kg and weight of frame 15kg) R.C.C. top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Page No. 74/ Item No. 11.50.2 PWD SR 2011-12	mtr							
	For Sanitary Work		1	4.00			**4.00**	3953.80	**15815.00**
	Basic Rate	3730.00							
	Area Weightage @ 6%	223.80							
	Total	**3953.80**							
3	KSRB 8.6-7 : Providing and fixing on wall surface 4.0kg/sq.cm H.D.P.E. rain down water piepes 110 mm outer approved make and brand with necessary specials like shoes bends and offsets fixed with iron clamps, walls plugs, screws, including cost of materials, labour, complete as per specifications. Page No. 52/ Item No. 8.18/ PWD SR 2011-12	M							
			10	5.00			**50.00**	467.46	**23373.00**

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Basic Rate	441.00							
	Area Weightage @ 6%	26.46							
	Total	**467.46**							
							Total A		**50734.00**
	Electrical Works								
4	Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using Copper PVC insulated multi strand 2x1.5sqmm copper wire with a 6 Amps flush type SP Control switch shall be fixed on the existing plastic sheet/gang box, the other end	P/mtr							
	P.No-4 I.No-8		1	20.00			**20.00**	220.00	**4400.00**
	At Rs	220.00							
5	Supplying 6A flush/projected type socket and a 6 amps flush/ projected type SP switch either surface/flush mounting in a existing gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box	Sqm							
	P.No-6 I.No-12		2	2.00			**4.00**	90.00	**360.00**
	At Rs.	**90.00**							
6	Supply and of bakelite D.P/Socket/Switchwith/without neon indicator over exiting wood board or flush mounting in plastic prates/niches-using Group A								
	C) 16 Amps flush type universal socket		2	1.00			**2.00**	95.00	**190.00**
	P.No- 2 I.No-14 At Rs.	**95.00**							
	D) 32 Amps flush/project type DP Swit		2	1.00			**2.00**	120.00	**240.00**
	P.No-2 I.No-14 At Rs.	**120.00**							
7	Supply of 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing wooden pr metal box using N.F Screws								
			4	850.00			**3400.00**	0.20	**680.00**
	At Rs.	**0.20**							
8	POPINT WIRING USING COPPER WIRE WITH SWITCH Supplying ad wiring adopting loop system in existing PVC conduit/casing capin using copper PVC insulted multi strand 2X1.5 Sp. MM Copper wire with a 6 Amps flush on the existing point wire using class B Material								
	A) Short Point upto 3mtr fromn tapping point to over let via switch		15				**15.00**	160.00	**2400.00**
	P.No-4 I.No-8 At Rs.	**160.00**							
	B) Medium Point above 3mtr upto 6mtr from tapping point to cut let via switch		8				**8.00**	245.00	**1960.00**
	At Rs.	**245.00**							
	(iii) Long point above 6Mtr upto 10Mtr from Tapping point to out let via switch		8				**8.00**	345.00	**2760.00**
	At Rs.	**345.00**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
9	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and Copper conductor single core cabe in open or consealed system of wiring.	P/Mtr							
	D) 4 Sqm		4	18.00			**72.00**	30.00	**2160.00**
	At Rs.	**30.00**							
	F) 10 Sqm		2	6.00			**12.00**	85.00	**1020.00**
	At Rs.	**85.00**							
	PNo-9 I.No-20								
10	Supplying heavy guage PVC conduct pipe..Dia confirming to IS 2509 with suitable size bends, junvtion bwxes, adhesive pase etc., and fixing using inverted wood plugs in case of RCC celling and RCC wall stone structure of rawl plugs in case of brick walls	P/mtr							
	A) 19/20mm Dia 2mm thick		2	30.00			**60.00**	32.00	**1920.00**
	At Rs.	**32.00**							
	B) 25mm Dia 2mm thick		2	10.00			**20.00**	43.00	**860.00**
	At Rs.	**43.00**							
11	Supply and fixing sheet metal box made out of 18SWG sheet with necessary hole for cable/conduct entry as required with one coat of primer of approved make etc., (P-02) (Sl.No-04) (Ch-01)	P/mtr							
	B) 10X75X65mm		2	6.00			**12.00**	72.00	**864.00**
	At Rs.	**72.00**							
12	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multis and Copper conductor single core cabe in open or consealed system of wiring. I Group A Materials.	P/mtrs							
	C) 2.5 Sqmm		2	40.00			**80.00**	21.00	**1680.00**
	At Rs.	**21.00**							
	D) 4 Sqmm		2	10.00			**20.00**	30.00	**600.00**
	At Rs.	**30.00**							
13	Supplyng fixing of protection use channel with cut out on existing wooden/panel using necessary nuts. Bolts and washers etc., complete	Each							
	B) 32 Amps		2	2.00			**4.00**	90.00	**360.00**
	At Rs	**90.00**							
14	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth.								
			2	1.00			**2.00**	1500.00	**3000.00**
	At Rs	**1500.00**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
15	Supplying and surface mounted typoe mirror optic luminariues for single/Twin 36/401 watts fluorscent lamps cross rising of stove enameled deep coloured MS low profile housing complete with all accessories and high purity anodized aluminium refector assembling along with cross louverts including necessary fluoresecent tubes with low loss open construction copper wound ferromagnetic ballast starters etc., complete set (P.No. 17, SL No. -5)	Each							
			2	4.00			**8.00**	1950.00	**15600.00**
	At Rs	**1950.00**							
16	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV b 50MM	P/mtrs							
			2	2.00			**4.00**	260.00	**1040.00**
	At Rs	**260.00**							
17	Supplying and fixing angles iron frame work fabricated out of M.S angle iron... and M.S flat with washers etc., and painted with two coats of red oxide and then two coats of approved paint a) 40X40X6 mm	P/mtrs							
			2	2.00			**4.00**	210.00	**840.00**
	At Rs	**210.00**							
18	Supplying and fixing cast Aluminium round or ablong type bulk head fitting with GI wire guard glass cover with 60/100 watts 230 V CFL imp as required (Ch;02) (P-13) (Sl No.-06) a) Group A								
			2	3.00			**6.00**	980.00	**5880.00**
	At Rs	**980.00**							
19	Supplying exhaust fan of 1440 RPM of 300mm suitable of operator on 230 V 50 Hz, As supply (ch-03) (P-22) Sl No. 21								
	Group A		2	2.00			**4.00**	1325.00	**5300.00**
	At Rs	**1325.00**							
20	Supplying capacitor type celling complete withdown and bldes shackle canopies etc for operation on 230 volts, 50 cycles, single phase AC supply onfiming to ISS-374-1979 and with double ball bearing system (ch-03) 1.48" sweep (120MM) (P. No. 23, Sl No. 23) a) regular model (Khaitan cromption, graveas, orient polar bajaj, usha, havells, Almonard								
			2	1.00			**2.00**	1850.00	**3700.00**
	At Rs	**1850.00**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
21	Fixing all type and all capacities fluorescent/faise celling/spot light/CFL indoor on the walls/celling rates/griders using 23/0.0076" twins twisted PVC insulated wires, required nos of round block and clamps (if required) a) on wall ceilling	Each							
			2	5.00			10.00	85.00	850.00
	At Rs	85.00							
22	Fixing a celling/wall mounting fan on all capacities and all types toi the existing hook together with suppluing and fixing a 5 amperers celling rose necessary length of 23/0.0076 inch PVC insulated twin twisted copper								
			2	3.00			6.00	95.00	570.00
	At Rs	95.00							
							Total B		59234.00
									32.00
							Total A+B		110000.00

Rupees Fifty Nine Thousand Two Hundred Thirty Four Only

CERTIFICATE

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of 2010-11.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Executive Engineer
Byatarayanapura Division
Bangalore-92

Assistant Executive Engineer
Byatarayanapura Sub Division
Bangalore-24
B.B.M.P. Bangalore

Verified as per
S.R (Ele) 2010-11
and found correct

21/10/15
Executive Engineer
Electrical Division
BBMP, Bangalore-92

ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಬೆಂಗಳೂರು-92